

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/228,866DATE: 01/22/99  
TIME: 16:41:49

INPUT SET: S30890.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

## (1) General Information:

ENTERED

(i) APPLICANT: Ruoslahti, Erkki  
Pasqualini, Renata(ii) TITLE OF INVENTION: Molecules That Home to a Selected Organ  
In Vivo

(iii) NUMBER OF SEQUENCES: 46

## (iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Campbell & Flores LLP  
(B) STREET: 4370 La Jolla Village Drive, Suite 700  
(C) CITY: San Diego  
(D) STATE: California  
(E) COUNTRY: United States  
(F) ZIP: 92122

## (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:  
(B) FILING DATE:  
(C) CLASSIFICATION:

## (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/526,708  
(B) FILING DATE: 11-SEP-1995

## (viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Campbell, Cathryn A.  
(B) REGISTRATION NUMBER: 31,815  
(C) REFERENCE/DOCKET NUMBER: P-LJ 3430

## (ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (619) 535-9001  
(B) TELEFAX: (619) 535-8949

## (2) INFORMATION FOR SEQ ID NO:1:

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/228,866DATE: 01/22/99  
TIME: 16:41:50

INPUT SET: S30890.raw

47  
48 (i) SEQUENCE CHARACTERISTICS:  
49 (A) LENGTH: 9 amino acids  
50 (B) TYPE: amino acid  
51 (D) TOPOLOGY: both  
52  
53 (ii) MOLECULE TYPE: peptide  
54  
55  
56  
57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
58  
59 Cys Asn Ser Arg Leu His Leu Arg Cys  
60 1 5  
61  
62 (2) INFORMATION FOR SEQ ID NO:2:  
63  
64 (i) SEQUENCE CHARACTERISTICS:  
65 (A) LENGTH: 9 amino acids  
66 (B) TYPE: amino acid  
67 (D) TOPOLOGY: both  
68  
69 (ii) MOLECULE TYPE: peptide  
70  
71  
72  
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
74  
75 Cys Glu Asn Trp Trp Gly Asp Val Cys  
76 1 5  
77  
78 (2) INFORMATION FOR SEQ ID NO:3:  
79  
80 (i) SEQUENCE CHARACTERISTICS:  
81 (A) LENGTH: 9 amino acids  
82 (B) TYPE: amino acid  
83 (D) TOPOLOGY: both  
84  
85 (ii) MOLECULE TYPE: peptide  
86  
87  
88  
89 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
90  
91 Cys Leu Ser Ser Arg Leu Asp Ala Cys  
92 1 5  
93  
94 (2) INFORMATION FOR SEQ ID NO:4:  
95  
96 (i) SEQUENCE CHARACTERISTICS:  
97 (A) LENGTH: 8 amino acids  
98 (B) TYPE: amino acid  
99 (D) TOPOLOGY: both

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100  
101 (ii) MOLECULE TYPE: peptide  
102  
103  
104  
105 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
106  
107 Cys Val Leu Arg Gly Gly Arg Cys  
108 1 5  
109  
110 (2) INFORMATION FOR SEQ ID NO:5:  
111  
112 (i) SEQUENCE CHARACTERISTICS:  
113 (A) LENGTH: 9 amino acids  
114 (B) TYPE: amino acid  
115 (D) TOPOLOGY: both  
116  
117 (ii) MOLECULE TYPE: peptide  
118  
119  
120  
121 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
122  
123 Cys Asn Ser Arg Leu Gln Leu Arg Cys  
124 1 5  
125  
126 (2) INFORMATION FOR SEQ ID NO:6:  
127  
128 (i) SEQUENCE CHARACTERISTICS:  
129 (A) LENGTH: 7 amino acids  
130 (B) TYPE: amino acid  
131 (D) TOPOLOGY: both  
132  
133 (ii) MOLECULE TYPE: peptide  
134  
135  
136  
137 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
138  
139 Cys Gly Val Arg Leu Gly Cys  
140 1 5  
141  
142 (2) INFORMATION FOR SEQ ID NO:7:  
143  
144 (i) SEQUENCE CHARACTERISTICS:  
145 (A) LENGTH: 8 amino acids  
146 (B) TYPE: amino acid  
147 (D) TOPOLOGY: both  
148  
149 (ii) MOLECULE TYPE: peptide  
150  
151  
152

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153 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

154

155 Cys Lys Asp Trp Gly Arg Ile Cys

156 1 5

157

158 (2) INFORMATION FOR SEQ ID NO:8:

159

160 (i) SEQUENCE CHARACTERISTICS:

161 (A) LENGTH: 8 amino acids

162 (B) TYPE: amino acid

163 (D) TOPOLOGY: both

164

165 (ii) MOLECULE TYPE: peptide

166

167

168

169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

170

171 Cys Leu Asp Trp Gly Arg Ile Cys

172 1 5

173

174 (2) INFORMATION FOR SEQ ID NO:9:

175

176 (i) SEQUENCE CHARACTERISTICS:

177 (A) LENGTH: 8 amino acids

178 (B) TYPE: amino acid

179 (D) TOPOLOGY: both

180

181 (ii) MOLECULE TYPE: peptide

182

183

184

185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

186

187 Cys Thr Arg Ile Thr Glu Ser Cys

188 1 5

189

190 (2) INFORMATION FOR SEQ ID NO:10:

191

192 (i) SEQUENCE CHARACTERISTICS:

193 (A) LENGTH: 7 amino acids

194 (B) TYPE: amino acid

195 (D) TOPOLOGY: both

196

197 (ii) MOLECULE TYPE: peptide

198

199

200

201 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

202

203 Cys Glu Thr Leu Pro Ala Cys

204 1 5

205

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## 206 (2) INFORMATION FOR SEQ ID NO:11:

207

## 208 (i) SEQUENCE CHARACTERISTICS:

209 (A) LENGTH: 8 amino acids

210 (B) TYPE: amino acid

211 (D) TOPOLOGY: both

212

213 (ii) MOLECULE TYPE: peptide

214

215

216

217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

218

219 Cys Arg Thr Gly Thr Leu Phe Cys

220 1

5

221

## 222 (2) INFORMATION FOR SEQ ID NO:12:

223

## 224 (i) SEQUENCE CHARACTERISTICS:

225 (A) LENGTH: 8 amino acids

226 (B) TYPE: amino acid

227 (D) TOPOLOGY: both

228

229 (ii) MOLECULE TYPE: peptide

230

231

232

233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

234

235 Cys Gly Arg Ser Leu Asp Ala Cys

236 1

5

237

## 238 (2) INFORMATION FOR SEQ ID NO:13:

239

## 240 (i) SEQUENCE CHARACTERISTICS:

241 (A) LENGTH: 9 amino acids

242 (B) TYPE: amino acid

243 (D) TOPOLOGY: both

244

245 (ii) MOLECULE TYPE: peptide

246

247

248

249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

250

251 Cys Arg His Trp Phe Asp Val Val Cys

252 1

5

253

## 254 (2) INFORMATION FOR SEQ ID NO:14:

255

## 256 (i) SEQUENCE CHARACTERISTICS:

257 (A) LENGTH: 8 amino acids

258 (B) TYPE: amino acid

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/228,866**

DATE: 01/22/99  
TIME: 16:41:54

*INPUT SET: S30890.raw*

Line

Error

Original Text